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WHAT A WONDERFUL SUCCESS!

You should all be extremely proud of the part you played in our Spin 1 efforts to demonstrate TURBULENCE. The Director of NSA saw first-hand what you've accomplished, and everyone in the room associated with TURBULENCE was just BEAMING with pride (especially me!)....

~~U//FOUO~~ John M[redacted] did an outstanding job representing us, explaining how TURBULENCE worked and explaining what was happening during the actual demo. The Director was extremely engaged, and knew all about TURBULENCE and the projects associated with it. He asked lots of questions and your teammates around the room provided the detailed information that the Director needed. Thanks to all of you who did - Bill C[redacted], Larry J[redacted], Jeff U[redacted], Linda S[redacted], Jim B[redacted], Bill C[redacted] – forgive me if I left anyone out... (b)(3)-P.L. 86

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During the briefing/demo portion of the meeting, the Director suggested that an application for TURBULENCE might be the Byzantine Hades effort (in conjunction with work being done in TAO). [As an aside, TUTELAGE is mentioned in Byzantine Hades briefings as being part of the solution.] When TRAFFICTHIEF was introduced as being part of the TURBULENCE effort, he interjected, "Clearly the best thing we've done at this Agency up to this point is TRAFFICTHIEF." He asked a lot of questions about how TRAFFICTHIEF and XKEYSCORE interact. In reference to how TURBULENCE follows the quick spin philosophy, the Director mentioned that just this morning, in his discussions with Congress, it was mentioned that rapid spins need to be more widely used, because change in technology is so rapid. He wants to get those congressmen here and show them how we're demonstrating TURBULENCE using spins.

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The Director wants you to know that there's "nothing more important in this Agency" than what you're doing. He wants us to have "unfettered access" to him (and mentioned that Pat D[redacted] is probably the person he deals with the most). Pat, in turn, pointed out that when the Director pings him, the way TURBULENCE is structured, he goes directly to the tech leads and the people working TURBULENCE, so there's a direct line of communication. (b)(3)-P.L. 86-36

The Director emphasized that his goal is that "we are moving out as quickly as possible and as smartly as we can." No pressure! Once the system is stabilized, he "wants us to get it out to the field, be pragmatic, but deliver it." The environment is "changing so quickly we have to use it as soon as possible."

His primary concerns are twofold: 1) The Global War on Terrorism, and 2) Net Warfare. And the work you've done to MAKE TURBULENCE HAPPEN will have a profound impact on those two concerns. He "wants to make sure you are getting all the support you need" and he wants to "help you deal with the multiple layers of bureaucracy" that may hinder progress. (At that point, I almost jumped out of my seat and cheered!)

He then reiterated TURBULENCE is "really, really important to this Agency, to this Nation and we have to overcome the risks" associated with making it work. He talked about the "fight on the network" and used the analogy of the Wright Brothers – they did not build a plane thinking that it would give us such a strategic advantage in WWII. "In the Information Age, we have to win by getting there first."

CM The Director talked about how "our Agency has tremendous talent across the board" (and Pat chimed in that the TURBULENCE team represents the best). As "we get into this Net Warfare front," we will have to increase the number of folks who have skills in EE, and CompSci and High Performance Computing (we already have the best talent in Math).

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He predicted that "the fight on the network is going to come on in the near-term." We need to GET THERE FIRST! We need to be the "fastest with the most." He talked about how important this demo was to him, apologized for the delay in his coming to see the demo, and thanked us for jumping through hoops to provide today's demo on such short notice. He complimented John on his excellent briefing, and noted that the slides were great and wanted to get a copy.

He ended the meeting by saying again: "What you're doing is extremely important. Pat gets more attention than anyone else in the Agency." He made a joke of what we could deliver out to the field by Spin 4, looked at my shocked expression, and suggested that Spin 3 might be a better goal. My response was "please." ☺ He said "you are leading the path, are the advanced scouts" and are key in how we get there. (b)(3)-P.L. 86-36

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He left the conference room, but before he left the building, he greeted the entire test team in the lab (who worked behind the scenes to make sure the demo was successful). Kurt D[redacted] did an excellent job briefing him on the Stage 1 TURMOIL rack. Thanks, Kurt!

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THANKS to all of you. What a GREAT team we have.

Based on today's success and the Director's comments, we have appended our vision:

MAKE TURBULENCE HAPPEN

AND

GET THERE FIRST!

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